EGR Name: EGR 11 Occupation Name: Maintenance Workers, Machinery Occupation SOC: 49-9043 1. Estimated Job vacancies, end of 2005 Lower estimate 1 Middle estimate 3 Upper estimate 7

2. Projected number of job openings annually due to growth and net replacements:

Year	2006	2007	2008	2009	2010	2011	2012
A. Lower projection:	2000	200.			2010		
Total, all industries in EGR	3	3	3	3	3	3	3
Manufacturing (33)		1	1	1	1	1	1
Mining (21)		1	1	1	1	1	1
Utilities (22)	1	1	1	1	1	1	1
etc.							
B. Middle projection:							
Total, all industries in EGR	5	5	5	6	6	6	6
Manufacturing (33)		1	1	2	2	2	2
Mining (21)		3	3	3	3	3	3
Utilities (22)	1	1	1	1	1	1	1
etc.							
C. Upper projection:							
Total, all industries in EGR	8	8	9	9	10	11	11
Manufacturing (33)		2	3	3	3	3	3
Mining (21)		4	4	4	4	5	5
Utilities (22)	2	2	2	2	3	3	3
etc.							

Notes:

This worksheet allows for "ranges" of estimates and projections in recognition of the fact that these values cannot be known with certainty. The meanings of the words "Lower," "Middle," and "Upper" are as follows:

- A. "Lower" means that your EGR thinks the probablity is no more than 25% that the true value lies below it.
- B. "Middle" means that your EGR thinks the probability is about equal that the true value lies either below it or above it.
- C. "Upper" means that your EGR thinks the probablity is no more than 25% that the true value lies above it.

	Supply Si	de Worksh	eet #1 ("Pr	oduction")							
EGR Name:	EGR 11										
Occupation Name:	Maintenance Worker	s, Machinery									
Occupation SOC:	2: 49-9043										
Projected "production" of new entrants into this occupation, by year											
Year	2006	2007	2008	2009	2010	2011	2012				
a. Graduates/completers of education	a. Graduates/completers of education and training programs in this EGR:										
Vincennes University	2	2	2	2	2	2	2				
IVY Tech	1	1	1	1	1	1	1				
EVSC Vocational Programs	1	1	1	1	1	1	1				
etc. (add as necessary)											
b. Other sources of entrants (other that	an in-migration)										
Source #1											
Source #2											
etc. (add as necessary)											
c. Total new supply	4	4	4	4	4	4	4				

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	ksheet for Ca	alculating 5	norta	ages or Su	rpluses of	One Occu	pation			
EGR Name:										
Occupation Name:		kers, Machinery	<u>'</u>							
Occupation SOC:	49-9043									
A. Lower projection:										
Total, all industries in EGR										
Year	2005	2006		2007	2008	2009	2010	2011	2012	
Carryover from last year (+/-)			1	1	1	1	1	1	1	
New demand during year			3	3	3	3	3	3	3	
New production during year			4	4	4	4	4	4	4	
Net migration during year			-1	-1	-1	-1	-1	-1	-1	
Net change during year			0	0	0	0	0	0	0	
Carryover to next year (+/-)	1		1	1	1	1	1	1	1	
B. Middle projection:										
Total, all industries in EGR										
Year	2005	2006		2007	2008	2009	2010	2011	2012	
Carryover from last year (+/-)			3	5	7	9	12	15	18	
New demand during year			5	5	5	6	6	6	6	
New production during year			4	4	4	4	4	4	4	
Net migration during year			-1	-1	-1	-1	-1	-1	-1	
Net change during year			2	2	2	3	3	3	3	
Carryover to next year (+/-)	3		5	7	9	12	15	18	21	
C. Upper projection:										
Total, all industries in EGR										
Year	2005	2006		2007	2008	2009	2010	2011	2012	
Carryover from last year (+/-)			7	12	17	23	29	36	44	
New demand during year			8	8	9	9	10	11	11	
New production during year			4	4	4	4	4	4	4	
Net migration during year			-1	-1	-1	-1	-1	-1	-1	
Net change during year			5	5	6	6	7	8	8	
Carryover to next year (+/-)	7		12	17	23	29	36	44	52	
Notes:										

(1) A positive (+) carryover indicates a "shortage" of workers in this occupation. A negative (-) carryover indicates the opposite. (2) This worksheet allows for "ranges" of estimates and projections in recognition of the fact that these values cannot be known with certainty. The meanings of

- A. "Lower" means that your EGR thinks the probablity is no more than 25% that the true value lies below it.
- B. "Middle" means that your EGR thinks the probability is about equal that the true value lies either below it or above it.
- C. "Upper" means that your EGR thinks the probablity is no more than 25% that the true value lies above it.

the words "Lower," "Middle," and "Upper" are as follows:

Demand Side Worksheet EGR Name: EGR 11 Occupation Name: Registered Nurse

Occupation SOC: 29-1111

1. Estimated Job vacancie	s, end of 2005
Lower estimate	10
Middle estimate	15
Upper estimate	20

2. Projected number of job openings annually due to growth and net replacements:

	openinge aimiaan, aa	g					
Year	2006	2007	2008	2009	2010	2011	2012
A. Lower projection:							
Total, all industries in EGR	159	164	170	176	182	189	195
Hospital (622)	99	102	105	109	113	117	121
Ambulatory Care (621)	46	48	49	51	53	55	57
Nursing Care Facilities (623)	14	15	15	16	16	17	18
etc.							
B. Middle projection:							
Total, all industries in EGR	184	192	199	207	215	224	233
Hospital (622)	114	119	123	128	133	139	144
Ambulatory Care (621)	53	56	58	60	63	65	68
Nursing Care Facilities (623)	17	17	18	19	19	20	21
etc.							
C. Upper projection:							
Total, all industries in EGR	264	279	294	310	327	345	364
Hospital (622)	164	173	182	192	203	214	226
Ambulatory Care (621)	77	81	85	90	95	100	106
Nursing Care Facilities (623)	24	25	26	28	29	31	33
etc.		_			_		

Notes:

This worksheet allows for "ranges" of estimates and projections in recognition of the fact that these values cannot be known with certainty. The meanings of A. "Lower" means that your EGR thinks the probablity is no more than 25% that the true value lies below it.

- B. "Middle" means that your EGR thinks the probability is about equal that the true value lies either below it or above it.
- C. "Upper" means that your EGR thinks the probablity is no more than 25% that the true value lies above it.

Supply Side Worksheet #1 ("Production")												
EGR Name:	EGR Name: EGR 11											
Occupation Name: Registered Nurse												
Occupation SOC: 29-1111												
Projected "production" of new	Projected "production" of new entrants into this occupation, by year											
Year	2006	2007	2008	2009	2010	2011	2012					
				·	·							
a. Graduates/completers of education	n and traini	ng progran	ns in this E	GR:								
USI	100	100	75	75	75	75	75					
Vincennes University	80	80	80	80	80	80	80					
IVY Tech	50	50	50	50	50	50	50					
University Evansville	20	20	20	20	20	20	20					
b. Other sources of entrants (other th	an in-migra	ation)										
Source #1												
Source #2												
etc. (add as necessary)												
c. Total new supply	250	250	225	225	225	225	225					

Supply Side Worksheet #2 ("Migration")												
EGR Name:	EGR 11											
Occupation Name: Registered Nurse												
Occupation SOC: 29-1111												
Year	2006	2007	2008	2009	2010	2011	2012					
1. Projected IN-migration of workers in this occupation to this EGR, by year												
a. From outside this EGR	13	13	13	13	13	13	13					
b. From other occupations												
2. Projected OUT-migration of	workers	in this oc	cupation	to this E	GR, by yo	ear						
a. To places outside this EGR	75	75	67	67	67	67	67					
b. Into other occupations	5	5	5	5	5	5	5					
3. Net IN-Migration	-67	-67	-59	-59	-59	-59	-59					

	Worksh	eet for (Calculat	ing Sho	rtages c	r Surplu	ises of	One Occupation	
EGR Name:						•		•	
Occupation Name:	Registered	l Nurse							
Occupation SOC:									
•									
A. Lower projection:									
Total, all industries in EGR									
Year	2005	2006	2007	2008	2009	2010	2011	2012	
Carryover from last year (+/-)		10	-14	-33	-29	-19	-3		20
New demand during year	1	159	164	170	176	182	189		195
New production during year	To the second	250	250	225	225	225	225		225
Net migration during year	To the second	-67	-67	-59	-59	-59	-59		-59
Net change during year	·	-24	-19	4	10	16	23		29
Carryover to next year (+/-)	10	-14	-33	-29	-19	-3	20		49
B. Middle projection:									
Total, all industries in EGR									
Year	2005	2006	2007	2008	2009	2010	2011	2012	
Carryover from last year (+/-)		15	16	25	58	99	148		206
New demand during year		184	192	199	207	215	224		233
New production during year		250	250	225	225	225	225		225
Net migration during year		-67	-67	-59	-59	-59	-59		-59
Net change during year		1	9	33	41	49	58		67
Carryover to next year (+/-)	15	16	25	58	99	148	206		273
C. Upper projection:									
Total, all industries in EGR									
Year	2005	2006	2007	2008	2009	2010	2011	2012	
Carryover from last year (+/-)		20	101	197	325	469	630		809
New demand during year		264	279	294	310	327	345		364
New production during year		250	250	225	225	225	225		225
	1	-67	-67	-59	-59	-59	-59		-59
Net migration during year		01							
Net migration during year Net change during year	-	81	96	128	144	161	179		198
	20		96 197	128 325	144 469	161 630	179 809		198 1007

- (1) A positive (+) carryover indicates a "shortage" of workers in this occupation. A negative (-) carryover indicates the opposite.
- (2) This worksheet allows for "ranges" of estimates and projections in recognition of the fact that these values cannot be known with certainty. The meanings of A. "Lower" means that your EGR thinks the probablity is no more than 25% that the true value lies below it.
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Demand Side Worksheet

EGR Name: EGR 11

Occupation Name: Licensed Practical Nurse

Occupation SOC: 29-2061

1. Estimated Job vacancies, end of 2005

Lower estimate	5						
Middle estimate	12						
Upper estimate	20						

2. Projected number of job openings annually due to growth and net replacements:

Year	2006	2007	2008	2009	2010	2011	2012
A. Lower projection:							
Total, all industries in EGR	64	66	69	71	73	76	79
Ambulatory Care	19	19	20	21	21	22	23
Hospital		21	22	23	23	24	25
Nursing Care Facility	25	26	27	28	28	30	31
etc.							
B. Middle projection:							
Total, all industries in EGR	74	77	80	84	87	90	94
Ambulatory Care	21	22	23	24	25	26	27
Hospital	24	25	26	27	28	29	30
Nursing Care Facility	29	30	31	33	34	35	37
etc.							
C. Upper projection:							
Total, all industries in EGR	107	112	119	125	132	139	147
Ambulatory Care	31	32	35	36	38	40	43
Hospital	34	36	38	40	42	44	47
Nursing Care Facility	42	44	46	49	51	54	57
etc.							

Notes:

This worksheet allows for "ranges" of estimates and projections in recognition of the fact that these values cannot be known with certainty. The meanings A. "Lower" means that your EGR thinks the probablity is no more than 25% that the true value lies below it.

- B. "Middle" means that your EGR thinks the probability is about equal that the true value lies either below it or above it.
- C. "Upper" means that your EGR thinks the probablity is no more than 25% that the true value lies above it.

Supply	Side W	orkshee	t #1 ("P	roductio	n")						
EGR Name:	EGR 11										
Occupation Name: Licensed Practical Nurse											
Occupation SOC: 29-2061											
·											
Projected "production" of new entrants into this occupation, by year											
Year	2006	2007	2008	2009	2010	2011	2012				
a. Graduates/completers of education	n and traini	<mark>ng progran</mark>	ns in this E	GR:							
Vincennes University	45	45	45	45	45	45	45				
IVY Tech	30	30	30	30	30	30	30				
etc. (add as necessary)											
b. Other sources of entrants (other th	an in-migra	ation)									
Source #1											
Source #2											
etc. (add as necessary)											
c. Total new supply	75	75	75	75	75	75	75				

Supply Side Worksheet #2 ("Migration")											
EGR Name:	EGR 11										
Occupation Name: Licensed Practical Nurse											
Occupation SOC: 29-2061											
Year	2006	2007	2008	2009	2010	2011	2012				
1. Projected IN-migration of workers in this occupation to this EGR, by year											
a. From outside this EGR	4	4	4	4	4	4	4				
b. From other occupations											
2. Projected OUT-migration of	workers	in this oc	cupation	to this E	GR, by y	ear					
a. To places outside this EGR	9	9	9	9	9	9	9				
b. Into other occupations	7	7	7	7	7	7	7				
3. Net IN-Migration	-12	-12	-12	-12	-12	-12	-12				

	Worksh	eet for C	alculati	ng Shor	tages o	r Surplu	ses of (One Occupation	
EGR Name:								,	
Occupation Name:		ractical Nu	rse						
Occupation SOC:									
A. Lower projection:									
Total, all industries in EGR									
Year	2005	2006	2007	2008	2009	2010	2011	2012	
Carryover from last year (+/-)		5	6	9	15	23	33		46
New demand during year		64	66	69	71	73	76		79
New production during year		75	75	75	75	75	75		75
Net migration during year		-12	-12	-12	-12	-12	-12		-12
Net change during year		1	3	6	8	10	13		16
Carryover to next year (+/-)	5	6	9	15	23	33	46		62
B. Middle projection:									
Total, all industries in EGR]								
Year	2005	2006	2007	2008	2009	2010	2011	2012	
Year Carryover from last year (+/-)	2005	2006 12	2007 23	2008 37	2009 54	2010 75	2011 99	2012	126
	2005						-	2012	94
Carryover from last year (+/-)	2005	12	23	37	54	75	99	2012	94 75
Carryover from last year (+/-) New demand during year	2005	12 74	23 77	37 80	54 84	75 87	99	2012	94 75 -12
Carryover from last year (+/-) New demand during year New production during year	2005	12 74 75	23 77 75	37 80 75	54 84 75 -12 21	75 87 75	99 90 75	2012	94 75 -12 31
Carryover from last year (+/-) New demand during year New production during year Net migration during year	2005	12 74 75 -12	23 77 75 -12	37 80 75 -12	54 84 75 -12	75 87 75 -12	99 90 75 -12	2012	94 75 -12
Carryover from last year (+/-) New demand during year New production during year Net migration during year Net change during year	-	12 74 75 -12	23 77 75 -12 14	37 80 75 -12 17	54 84 75 -12 21	75 87 75 -12 24	99 90 75 -12 27	2012	94 75 -12 31
Carryover from last year (+/-) New demand during year New production during year Net migration during year Net change during year Carryover to next year (+/-)	-	12 74 75 -12	23 77 75 -12 14	37 80 75 -12 17	54 84 75 -12 21	75 87 75 -12 24	99 90 75 -12 27	2012	94 75 -12 31
Carryover from last year (+/-) New demand during year New production during year Net migration during year Net change during year	-	12 74 75 -12	23 77 75 -12 14	37 80 75 -12 17	54 84 75 -12 21	75 87 75 -12 24	99 90 75 -12 27	2012	94 75 -12 31
Carryover from last year (+/-) New demand during year New production during year Net migration during year Net change during year Carryover to next year (+/-) C. Upper projection:	-	12 74 75 -12	23 77 75 -12 14	37 80 75 -12 17	54 84 75 -12 21	75 87 75 -12 24	99 90 75 -12 27	2012	94 75 -12 31
Carryover from last year (+/-) New demand during year New production during year Net migration during year Net change during year Carryover to next year (+/-) C. Upper projection: Total, all industries in EGR	12	12 74 75 -12 11 23	23 77 75 -12 14 37 2007 64	37 80 75 -12 17 54 2008 113	54 84 75 -12 21 75	75 87 75 -12 24 99	99 90 75 -12 27 126		94 75 -12 31 157
Carryover from last year (+/-) New demand during year New production during year Net migration during year Net change during year Carryover to next year (+/-) C. Upper projection: Total, all industries in EGR Year	12	12 74 75 -12 11 23	23 77 75 -12 14 37	37 80 75 -12 17 54	54 84 75 -12 21 75	75 87 75 -12 24 99	99 90 75 -12 27 126		94 75 -12 31 157 376 147
Carryover from last year (+/-) New demand during year New production during year Net migration during year Carryover to next year (+/-) C. Upper projection: Total, all industries in EGR Year Carryover from last year (+/-)	12	12 74 75 -12 11 23 2006 20	23 77 75 -12 14 37 2007 64	37 80 75 -12 17 54 2008 113	54 84 75 -12 21 75 2009 169	75 87 75 -12 24 99	99 90 75 -12 27 126 2011 300		94 75 -12 31 157 376 147 75
Carryover from last year (+/-) New demand during year New production during year Net migration during year Carryover to next year (+/-) C. Upper projection: Total, all industries in EGR Year Carryover from last year (+/-) New demand during year	12	12 74 75 -12 11 23 2006 20	23 77 75 -12 14 37 2007 64 112	37 80 75 -12 17 54 2008 113 119	54 84 75 -12 21 75 2009 169 125	75 87 75 -12 24 99 2010 231 132	99 90 75 -12 27 126 2011 300 139		94 75 -12 31 157 376 147 75 -12
Carryover from last year (+/-) New demand during year New production during year Net migration during year Net change during year Carryover to next year (+/-) C. Upper projection: Total, all industries in EGR Year Carryover from last year (+/-) New demand during year New production during year	12	12 74 75 -12 11 23 2006 20 107	23 77 75 -12 14 37 2007 64 112	37 80 75 -12 17 54 2008 113 119	54 84 75 -12 21 75 2009 169 125 75	75 87 75 -12 24 99 2010 231 132 75	99 90 75 -12 27 126 2011 300 139 75		94 75 -12 31 157 376 147 75
Carryover from last year (+/-) New demand during year New production during year Net migration during year Carryover to next year (+/-) C. Upper projection: Total, all industries in EGR Year Carryover from last year (+/-) New demand during year New production during year Net migration during year	12	12 74 75 -12 11 23 2006 20 107 75 -12	23 77 75 -12 14 37 2007 64 112 75 -12	37 80 75 -12 17 54 2008 113 119 75 -12	54 84 75 -12 21 75 2009 169 125 75 -12	75 87 75 -12 24 99 2010 231 132 75 -12	99 90 75 -12 27 126 2011 300 139 75 -12		94 75 -12 31 157 376 147 75 -12

(1) A positive (+) carryover indicates a "shortage" of workers in this occupation. A negative (-) carryover indicates the opposite. (2) This worksheet allows for "ranges" of estimates and projections in recognition of the fact that these values cannot be known with certainty. The meanings of

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- C. "Upper" means that your EGR thinks the probablity is no more than 25% that the true value lies above it.

	Den	nand Si	de Work	sheet			
EGR Name:	ERG 11						
Occupation Name:	Industrial Machine Maintena	nce					
Occupation SOC:	49-9041						
1. Estimated Job vacancie	s, end of 2005						
Lower estimate	1						
Middle estimate	3						
Upper estimate	7						
2. Projected number of job	openings annually due	to growt	h and net	replacer	nents:		
Year	2006	2007	2008	2009	2010	2011	2012
A. Lower projection:							
Total, all industries in EGR	8	8	8	9	9	9	9
Manufacturing (33)	8	8	8	9	9	9	9
etc.							
B. Middle projection:							
Total, all industries in EGR	17	18	18	19	20	21	22
Manufacturing (33)	17	18	18	19	20	21	22
etc.							
C. Upper projection:	97	22			2.1		
Total, all industries in EGR	27	29	31	32	34	36	39
Manufacturing (33)	27	29	31	32	34	36	39
-1-							
etc.			otoo				

Notes:

This worksheet allows for "ranges" of estimates and projections in recognition of the fact that these values cannot be known with certainty. The A. "Lower" means that your EGR thinks the probablity is no more than 25% that the true value lies below it.

- B. "Middle" means that your EGR thinks the probability is about equal that the true value lies either below it or above it.
- C. "Upper" means that your EGR thinks the probablity is no more than 25% that the true value lies above it.

Supply	Side W	orkshee	t #1 ("P	roductio	n")		
EGR Name:	EGR 11		-		-		
Occupation Name:	Industrial	Machine M	aintenance	!			
Occupation SOC:	49-9041						
Projected "production" of new	entrants	into this	occupation	on, by ye	ar		
Year	2006	2007	2008	2009	2010	2011	2012
		•					
a. Graduates/completers of education	n and traini	<mark>ng progra</mark> n	ns in this E	GR:			
Vincennes University	7	7	7	7	7	7	7
IVY Tech	5	5	5	5	5	5	5
EVSC Vocational program	2	2	2	2	2	2	2
etc. (add as necessary)							
b. Other sources of entrants (other th	nan in-migra	ation)					
Source #1							
Source #2							
etc. (add as necessary)							
c. Total new supply	14	14	14	14	14	14	14

Supply	/ Side W	orkshe	et #2 ("N	Migratio	n")		
EGR Name:	EGR 11						
Occupation Name: Industrial Machine Maintenance							
Occupation SOC: 49-9041							
Year	2006	2007	2008	2009	2010	2011	2012
1. Projected IN-migration of wo	orkers in	this occu	pation to	this EG	R, by year	r	
a. From outside this EGR							
b. From other occupations	3	3	3	3	3	3	3
2. Projected OUT-migration of	workers	in this oc	cupation	to this E	GR, by y	ear	
a. To places outside this EGR	2	2	2	2	2	2	2
b. Into other occupations	2	2	2	2	2	2	2
3. Net IN-Migration	-1	-1	-1	-1	-1	-1	-1

	Worksh	eet for C	alculati	ng Shor	tages o	r Surplu	ses of C	One Occupation	
EGR Name:									
Occupation Name:		Machine Ma	intenance						
Occupation SOC:									
	10 55								
A. Lower projection:									
Total, all industries in EGR									
Year	2005	2006	2007	2008	2009	2010	2011	2012	
Carryover from last year (+/-)		1	-4	-9	-14	-18	-22		-26
New demand during year		8	8	8	9	9	9		9
New production during year		14	14	14	14	14	14		14
Net migration during year		-1	-1	-1	-1	-1	-1		-1
Net change during year		-5	-5	-5	-4	-4	-4		-4
Carryover to next year (+/-)	1	-4	-9	-14	-18	-22	-26		-30
B. Middle projection:									
Total, all industries in EGR									
Year	2005	2006	2007	2008	2009	2010	2011	2012	
Year Carryover from last year (+/-)	2005	3	2007 7	2008 12	17	23	30	2012	38
Carryover from last year (+/-) New demand during year	2005	3 17		12 18	17 19	23 20	30 21	2012	22
Carryover from last year (+/-)	2005	3	7	12	17	23	30	2012	38 22 14
Carryover from last year (+/-) New demand during year New production during year Net migration during year	2005	3 17	7	12 18	17 19	23 20	30 21	2012	22
Carryover from last year (+/-) New demand during year New production during year Net migration during year Net change during year	2005	3 17 14	7 18 14 -1 5	12 18 14 -1 5	17 19 14 -1 6	23 20 14 -1 7	30 21 14 -1 8	2012	22 14 -1 9
Carryover from last year (+/-) New demand during year New production during year Net migration during year	2005	3 17 14 -1 4	7 18 14 -1	12 18 14 -1	17 19 14 -1	23 20 14 -1	30 21 14 -1	2012	22 14 -1
Carryover from last year (+/-) New demand during year New production during year Net migration during year Net change during year		3 17 14 -1 4	7 18 14 -1 5	12 18 14 -1 5	17 19 14 -1 6	23 20 14 -1 7	30 21 14 -1 8	2012	22 14 -1 9
Carryover from last year (+/-) New demand during year New production during year Net migration during year Net change during year		3 17 14 -1 4	7 18 14 -1 5	12 18 14 -1 5	17 19 14 -1 6	23 20 14 -1 7	30 21 14 -1 8	2012	22 14 -1 9
Carryover from last year (+/-) New demand during year New production during year Net migration during year Net change during year Carryover to next year (+/-)		3 17 14 -1 4	7 18 14 -1 5	12 18 14 -1 5	17 19 14 -1 6	23 20 14 -1 7	30 21 14 -1 8	2012	22 14 -1 9
Carryover from last year (+/-) New demand during year New production during year Net migration during year Net change during year Carryover to next year (+/-) C. Upper projection:		3 17 14 -1 4	7 18 14 -1 5	12 18 14 -1 5	17 19 14 -1 6	23 20 14 -1 7	30 21 14 -1 8	2012	22 14 -1 9
Carryover from last year (+/-) New demand during year New production during year Net migration during year Net change during year Carryover to next year (+/-) C. Upper projection: Total, all industries in EGR Year	3	3 17 14 -1 4 7	7 18 14 -1 5 12	12 18 14 -1 5 17	17 19 14 -1 6 23	23 20 14 -1 7 30	30 21 14 -1 8 38		22 14 -1 9
Carryover from last year (+/-) New demand during year New production during year Net migration during year Net change during year Carryover to next year (+/-) C. Upper projection: Total, all industries in EGR	3	3 17 14 -1 4 7	7 18 14 -1 5 12	12 18 14 -1 5 17	17 19 14 -1 6 23	23 20 14 -1 7 30	30 21 14 -1 8 38		22 14 -1 9 47
Carryover from last year (+/-) New demand during year New production during year Net migration during year Carryover to next year (+/-) C. Upper projection: Total, all industries in EGR Year Carryover from last year (+/-)	3	3 17 14 -1 4 7	7 18 14 -1 5 12 2007 21	12 18 14 -1 5 17 2008 37	17 19 14 -1 6 23 2009 55	23 20 14 -1 7 30 2010 74	30 21 14 -1 8 38 2011 95		22 14 -1 9 47 118 39
Carryover from last year (+/-) New demand during year New production during year Net migration during year Carryover to next year (+/-) C. Upper projection: Total, all industries in EGR Year Carryover from last year (+/-) New demand during year New production during year	3	3 17 14 -1 4 7 2006 7 27	7 18 14 -1 5 12 2007 21 29	12 18 14 -1 5 17 2008 37 31	17 19 14 -1 6 23 2009 55 32	23 20 14 -1 7 30 2010 74 34	30 21 14 -1 8 38 2011 95 36		22 14 -1 9 47 118 39
Carryover from last year (+/-) New demand during year New production during year Net migration during year Net change during year Carryover to next year (+/-) C. Upper projection: Total, all industries in EGR Year Carryover from last year (+/-) New demand during year New production during year Net migration during year	3	3 17 14 -1 4 7 2006 7 27	7 18 14 -1 5 12 2007 21 29	12 18 14 -1 5 17 2008 37 31	17 19 14 -1 6 23 2009 55 32 14	23 20 14 -1 7 30 2010 74 34	30 21 14 -1 8 38 2011 95 36 14		22 14 -1 9 47 118 39 14
Carryover from last year (+/-) New demand during year New production during year Net migration during year Net change during year Carryover to next year (+/-) C. Upper projection: Total, all industries in EGR Year Carryover from last year (+/-) New demand during year New production during year	3	3 17 14 -1 4 7 2006 7 27 14 -1	7 18 14 -1 5 12 2007 21 29 14 -1	12 18 14 -1 5 17 2008 37 31 14 -1	17 19 14 -1 6 23 2009 55 32 14 -1	23 20 14 -1 7 30 2010 74 34 14 -1	30 21 14 -1 8 38 2011 95 36 14 -1		22 14 -1 9 47 118 39 14 -1

- (1) A positive (+) carryover indicates a "shortage" of workers in this occupation. A negative (-) carryover indicates the opposite.
- (2) This worksheet allows for "ranges" of estimates and projections in recognition of the fact that these values cannot be known with certainty. The meanings
- A. "Lower" means that your EGR thinks the probablity is no more than 25% that the true value lies below it.
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Demand Side Worksheet

EGR Name: EGR 11

Occupation Name: Maintenance and Repair Workers

Occupation SOC: 49-9042

1. Estimated Job vacancies, end of 2005

	-,
Lower estimate	1
Middle estimate	3
Upper estimate	7

2. Projected number of job openings annually due to growth and net replacements:

Year	2006	2007	2008	2009	2010	2011	2012
A. Lower projection:							
Total, all industries in EGR	44	45	46	47	48	49	50
Manufacturing (33)	37	38	39	40	41	42	43
Mining (21)	2	2	2	2	2	2	2
Utilities (22)	4	5	5	5	5	5	5
etc.							
B. Middle projection:							
Total, all industries in EGR	94	97	101	105	109	114	118
Manufacturing (33)	71	73	76	79	82	86	89
Mining (21)	14	15	15	16	16	17	18
Utilities (22)	9	10	10	11	11	11	12
etc.							
C. Upper projection:							
Total, all industries in EGR	149	158	167	177	188	199	211
Manufacturing (33)	104	111	117	124	132	139	148
Mining (21)	30	32	33	35	38	40	42
Utilities (22)	15	16	17	18	19	20	21
etc.				·			

Notes:

This worksheet allows for "ranges" of estimates and projections in recognition of the fact that these values cannot be known with certainty.

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Supply	Side Wo	orkshee	t #1 ("P	roductio	n")		
EGR Name:	EGR 11						
Occupation Name:	Maintenand	ce and Repa	air Workers				
Occupation SOC:	49-9042	•					
Projected "production" of new	entrants	into this	occupation	on, by ye	ar		
Year	2006	2007	2008	2009	2010	2011	2012
					,		
a. Graduates/completers of education	n and traini	<mark>ng progran</mark>	ns in this E	GR:			
Vincennes University	26	26	26	26	26	26	26
IVY Tech	23	23	23	23	23	23	23
EVSC Vocational Programs	0	0	0	0	0	0	0
etc. (add as necessary)							
b. Other sources of entrants (other th	<mark>an in-migra</mark>	ation)					
Source #1							
Source #2	1						
etc. (add as necessary)							
c. Total new supply	49	49	49	49	49	49	49

Supply	/ Side W	orkshe	et #2 ("N	Migratio	n")		
EGR Name:	EGR 11						
Occupation Name: Maintenance and Repair Workers							
Occupation SOC: 49-9042							
Year	2006	2007	2008	2009	2010	2011	2012
1. Projected IN-migration of wo	orkers in	this occu	pation to	this EGI	R, by year	r	
a. From outside this EGR	3	3	3	3	3	3	3
b. From other occupations	2	2	2	2	2	2	2
2. Projected OUT-migration of	workers	in this oc	cupation	to this E	GR, by y	ear	
a. To places outside this EGR	6	6	6	6	6	6	6
b. Into other occupations							
3. Net IN-Migration	-1	-1	-1	-1	-1	-1	-1

	Worksh	eet for (Calculat	ina Sho	rtages o	or Surpl	uses of	One Occupation	
EGR Name:				9 00		, ou. p.			
Occupation Name:		ce and Ren	air Workers	<u> </u>					
Occupation SOC:		oo ana nopi	110111011	_					
Cocapation Coci	1.0 00 12								
A. Lower projection:									
Total, all industries in EGR									
Year	2005	2006	2007	2008	2009	2010	2011	2012	
Carryover from last year (+/-)		1	-3	-6	-8	-9	-9		-8
New demand during year	1	44	45	46	47	48	49		50
New production during year	1	49	49	49	49	49	49		49
Net migration during year		-1	-1	-1	-1	-1	-1		-1
Net change during year		-4	-3	-2	-1	0	1		2
Carryover to next year (+/-)	1	-3	-6	-8	-9	-9	-8		-6
B. Middle projection:									
Total, all industries in EGR									
V	2225							204.2	
Year	2005	2006	2007	2008	2009	2010	2011	2012	
Year Carryover from last year (+/-)	2005	2006 3	2007 49	2008 98	2009 151	2010 208	2011 269	2012	335
	2005							2012	335 118
Carryover from last year (+/-)	2005	3	49	98	151	208	269	2012	
Carryover from last year (+/-) New demand during year New production during year Net migration during year	2005	3 94	49 97	98 101	151 105	208 109	269 114	2012	118 49 -1
Carryover from last year (+/-) New demand during year New production during year	2005	3 94 49 -1 46	49 97 49 -1 49	98 101 49 -1 53	151 105 49	208 109 49 -1 61	269 114 49	2012	118 49 -1 70
Carryover from last year (+/-) New demand during year New production during year Net migration during year	2005	3 94 49 -1	49 97 49 -1	98 101 49 -1	151 105 49 -1	208 109 49 -1	269 114 49 -1	2012	118 49 -1
Carryover from last year (+/-) New demand during year New production during year Net migration during year Net change during year		3 94 49 -1 46	49 97 49 -1 49	98 101 49 -1 53	151 105 49 -1 57	208 109 49 -1 61	269 114 49 -1 66	2012	118 49 -1 70
Carryover from last year (+/-) New demand during year New production during year Net migration during year Net change during year		3 94 49 -1 46	49 97 49 -1 49	98 101 49 -1 53	151 105 49 -1 57	208 109 49 -1 61	269 114 49 -1 66	2012	118 49 -1 70
Carryover from last year (+/-) New demand during year New production during year Net migration during year Net change during year Carryover to next year (+/-)		3 94 49 -1 46	49 97 49 -1 49	98 101 49 -1 53	151 105 49 -1 57	208 109 49 -1 61	269 114 49 -1 66	2012	118 49 -1 70
Carryover from last year (+/-) New demand during year New production during year Net migration during year Net change during year Carryover to next year (+/-) C. Upper projection:		3 94 49 -1 46	49 97 49 -1 49	98 101 49 -1 53	151 105 49 -1 57	208 109 49 -1 61	269 114 49 -1 66	2012	118 49 -1 70
Carryover from last year (+/-) New demand during year New production during year Net migration during year Net change during year Carryover to next year (+/-) C. Upper projection: Total, all industries in EGR	3	3 94 49 -1 46 49	49 97 49 -1 49 98	98 101 49 -1 53 151	151 105 49 -1 57 208	208 109 49 -1 61 269	269 114 49 -1 66 335		118 49 -1 70
Carryover from last year (+/-) New demand during year New production during year Net migration during year Net change during year Carryover to next year (+/-) C. Upper projection: Total, all industries in EGR Year	3	3 94 49 -1 46 49	49 97 49 -1 49 98	98 101 49 -1 53 151	151 105 49 -1 57 208	208 109 49 -1 61 269	269 114 49 -1 66 335		118 49 -1 70 405
Carryover from last year (+/-) New demand during year New production during year Net migration during year Carryover to next year (+/-) C. Upper projection: Total, all industries in EGR Year Carryover from last year (+/-)	3	3 94 49 -1 46 49 2006 7	49 97 49 -1 49 98 2007 108	98 101 49 -1 53 151 2008 218	151 105 49 -1 57 208 2009 337	208 109 49 -1 61 269 2010 466	269 114 49 -1 66 335		118 49 -1 70 405
Carryover from last year (+/-) New demand during year New production during year Net migration during year Carryover to next year (+/-) C. Upper projection: Total, all industries in EGR Year Carryover from last year (+/-) New demand during year	3	3 94 49 -1 46 49 2006 7 149 49 -1	49 97 49 -1 49 98 2007 108 158 49	98 101 49 -1 53 151 2008 218 167 49 -1	151 105 49 -1 57 208 2009 337 177 49 -1	208 109 49 -1 61 269 2010 466 188 49 -1	269 114 49 -1 66 335 2011 606 199 49		757 211 49 -1 70 405
Carryover from last year (+/-) New demand during year New production during year Net migration during year Carryover to next year (+/-) C. Upper projection: Total, all industries in EGR Year Carryover from last year (+/-) New demand during year New production during year	3	3 94 49 -1 46 49 2006 7 149	49 97 49 -1 49 98 2007 108 158 49	98 101 49 -1 53 151 2008 218 167 49 -1	151 105 49 -1 57 208 2009 337 177 49	208 109 49 -1 61 269 2010 466 188 49	269 114 49 -1 66 335 2011 606 199 49		757 211 49 -1 70 405
Carryover from last year (+/-) New demand during year New production during year Net migration during year Net change during year Carryover to next year (+/-) C. Upper projection: Total, all industries in EGR Year Carryover from last year (+/-) New demand during year New production during year Net migration during year	3	3 94 49 -1 46 49 2006 7 149 49 -1	49 97 49 -1 49 98 2007 108 158 49	98 101 49 -1 53 151 2008 218 167 49 -1	151 105 49 -1 57 208 2009 337 177 49 -1	208 109 49 -1 61 269 2010 466 188 49 -1	269 114 49 -1 66 335 2011 606 199 49		757 211 49 -1 70 405

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